

• New Machines and Gadgets •

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⚙️ **TIMING LIGHT**, shaped like a pistol, is housed in an unbreakable neoprene case. Designed for use on all automotive engines, this 10¼-inch tester will operate on battery or magneto ignition systems, or wherever there is a high tension spark and 110 a.c. The device can also be used to time engines on farm tractors, lawn mowers, etc.

Science News Letter, July 2, 1955

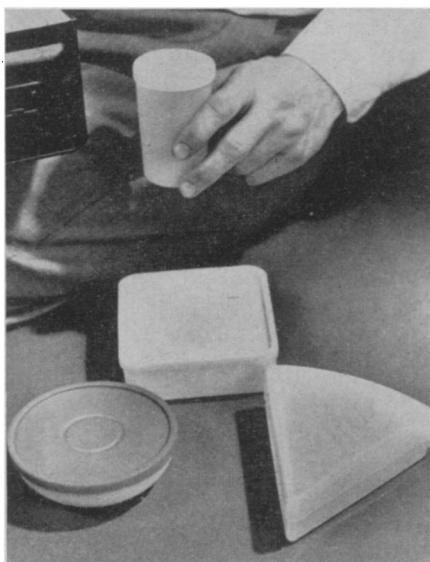
⚙️ **WINDOW BALANCER** and tightener does away with the job of replacing broken sash cords. Fully adjustable after installation, the device can balance any weight window or be adjusted for swelling or warping of the sash. Plated against rust, the balancer is made to be installed by the homemaker.

Science News Letter, July 2, 1955

⚙️ **PAINT BRUSHES** are designed to be thrown away after use, thus eliminating troublesome and dangerous cleaning in inflammable fluids. A package contains five inexpensive brushes in widths of a half inch to two inches. The brushes are bristle, vulcanized in rubber and gripped in wooden handles.

Science News Letter, July 2, 1955

⚙️ **FOUR-PIECE LUNCH** kit is made up of individual, sealed containers molded of



polyethylene and holds a variety of foods. The portable lunch kit, shown in the photograph, includes a sandwich box, pie container, portion dish and small jar. After carrying the food without fear of spilling or crushing, a diner can eat right out of the containers.

Science News Letter, July 2, 1955

⚙️ **SAFETY GATE** keeps lads and lassies in a room without closing the door on them. Placed across the threshold and clamped tight, the 25-in-high gate fits any door frame. The portable hardwood gate telescopes into place.

Science News Letter, July 2, 1955

⚙️ **PLASTIC PIPE**, geared to take the place of steel pipe in corrosive service installations, is made of a thermosetting resin reinforced with thousands of continuous fibers. The lightweight pipe can be installed without the use of heavy equipment and can be cemented or screwed together.

Science News Letter, July 2, 1955

⚙️ **INDUSTRIAL GLOVES** for safer, surer handling of chemicals are made of flock-lined neoprene. Thousands of tiny cotton particles are bonded to the inside of the rubberized outer glove. The outside of the glove also has a molded non-slip grip on the fingers and palm.

Science News Letter, July 2, 1955

⚙️ **HOSE ATTACHMENT** mixes all water-diluted liquids for spraying accurately with water pressure of 20 pounds or more. The translucent, plastic bottle is marked for ounce measurement or degree of fill, holding enough insecticide to make from 32 to 150 gallons of solution. Adjustable to each application, the garden hose attachment has a brass jet metering stem for simple dilution adjustment.

Science News Letter, July 2, 1955

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7-2-5

Do You Know?

A new substance to combat deadly penicillin-resistant *bacteria* has been extracted from beef brain tissue.

About 83% of all *vacation* trips in the United States are made by automobile, with an average round trip mileage of 978 miles.

The moment when liver *cancer* strikes has been determined in rats through changes in the chemistry of the living cells.

In an automobile accident in which someone is injured, chances of a *death* at 40 miles an hour are 1 in 16; at 55 miles an hour 1 in 12; at 65 miles an hour the chances are 1 in 6.

Four of the largest *hangars* in Great Britain, at London Airport, have been fitted with photocell units that automatically control the lighting, switching it off when daylight makes electric lights wasteful.